

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013038.D
 Acq On : 14 Oct 2019 09:53
 Operator : JC/SP
 Sample : VX1014MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97428	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111716	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	5.48	113	89306	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
50) Toluene-d8	8.71	98	341041	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	114935	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	

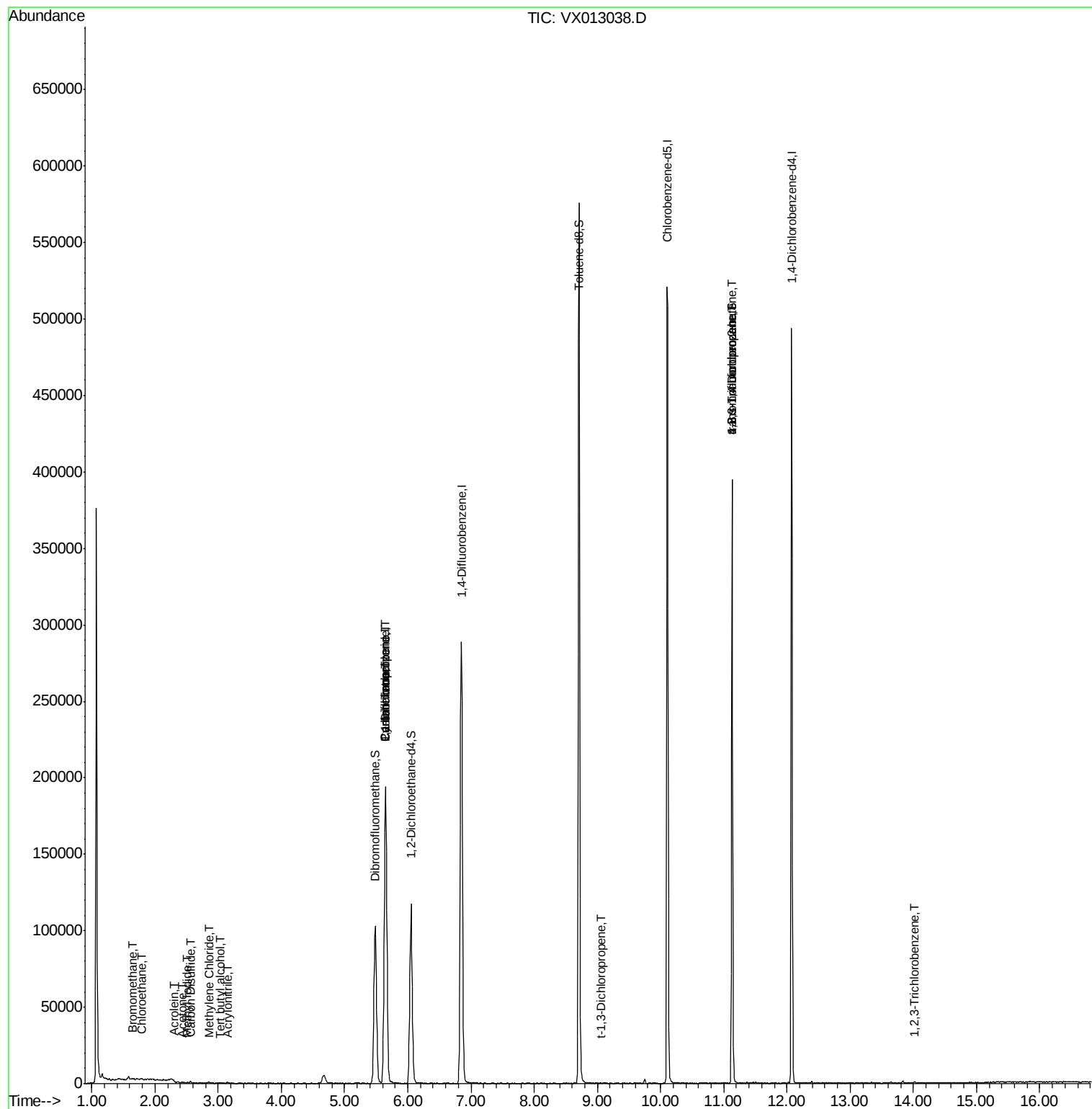
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	323	0.370	ug/l	96
6) Chloroethane	1.79	64	24	0.386	ug/l #	43
10) Methyl Iodide	2.50	142	461	5.281	ug/l #	84
11) Tert butyl alcohol	3.03	59	183	0.301	ug/l #	72
13) Acrolein	2.30	56	109	0.252	ug/l #	14
15) Acrylonitrile	3.14	53	247	0.214	ug/l #	34
16) Acetone	2.44	43	469	0.388	ug/l	97
17) Carbon Disulfide	2.56	76	1115	0.211	ug/l	96
20) Methylene Chloride	2.86	84	479	0.216	ug/l #	43
31) Cyclohexane	5.65	56	4095	1.230	ug/l #	7
36) 1,1-Dichloropropene	5.65	75	14709	5.673	ug/l #	49
38) Carbon Tetrachloride	5.65	117	18607	7.373	ug/l #	17
53) t-1,3-Dichloropropene	9.06	75	63	2.188	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	56909	26.335	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	56909	66.273	ug/l #	10
96) 1,2,3-Trichlorobenzene	14.01	180	431	0.217	ug/l	96

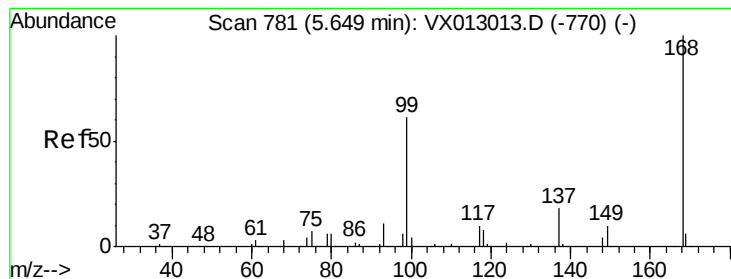
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101419\
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Instrument :
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ClientSampleId :

Quant Time: Oct 15 01:21:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

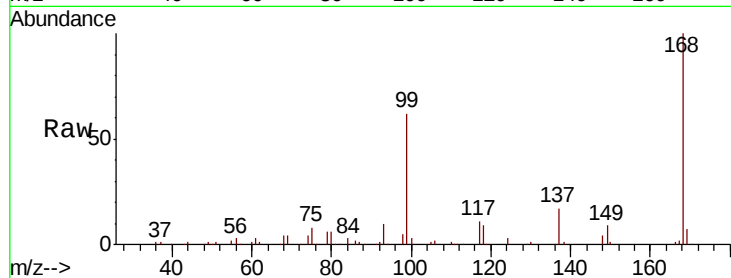
ClientSampleId :

Tot Ion:168 Resp: 183515

Ion Ratio Lower Upper

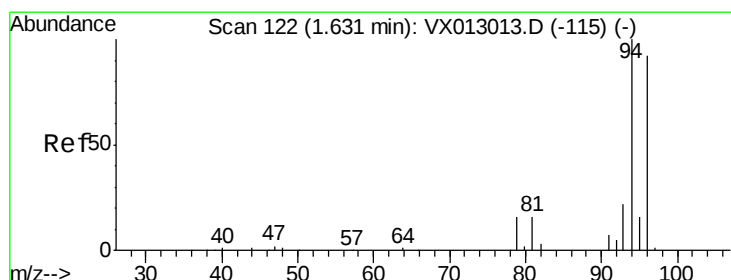
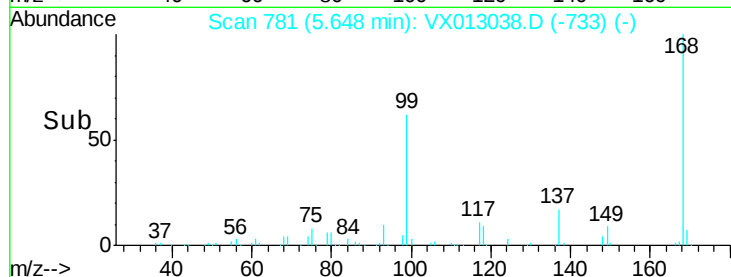
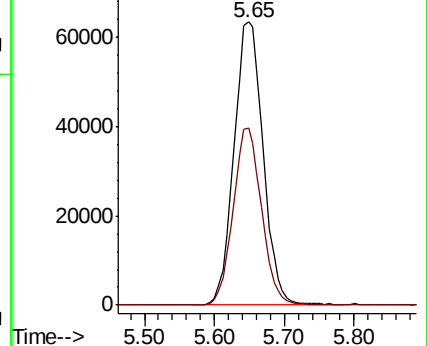
168 100

99 62.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.370 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX013038.D

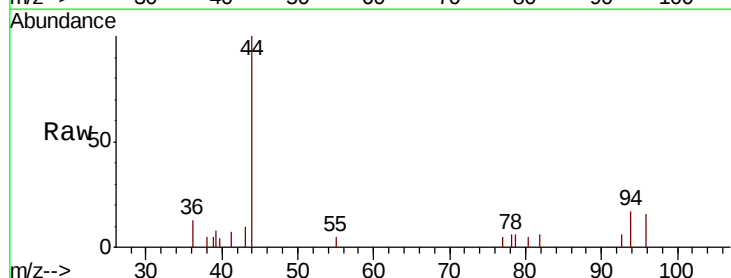
Acq: 14 Oct 2019 09:53

Tgt Ion: 94 Resp: 323

Ion Ratio Lower Upper

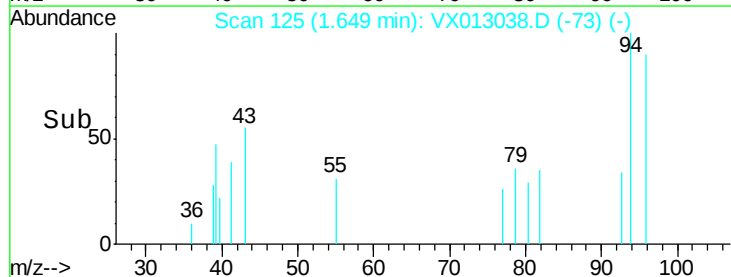
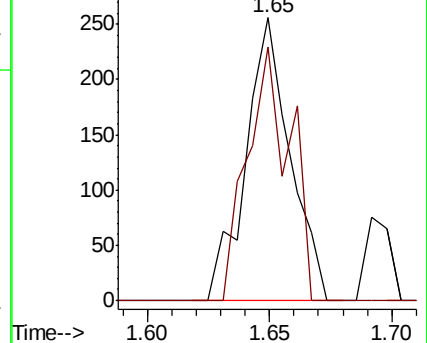
94 100

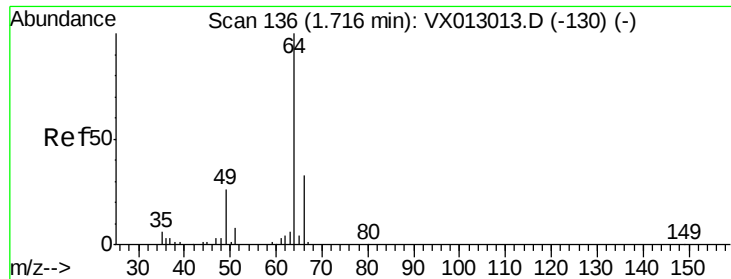
96 89.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.386 ug/l

RT: 1.79 min Scan# 148

Delta R.T. 0.08 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

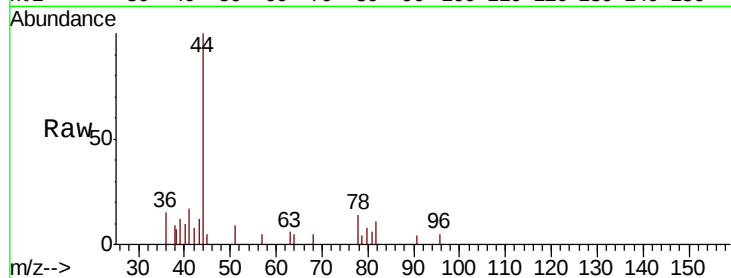
ClientSampled :

Tot Ion: 64 Resp: 24

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120

100

80

60

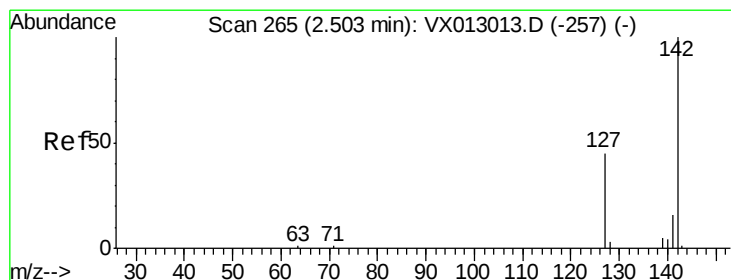
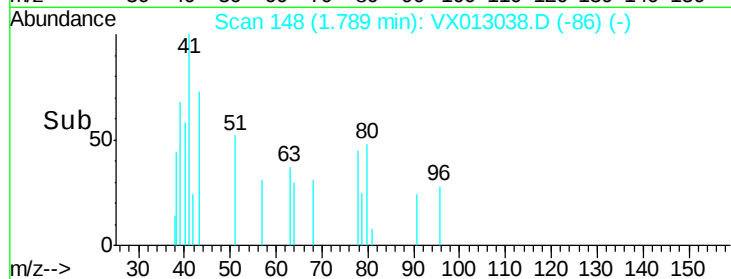
40

20

0

1.77 1.78 1.79 1.80 1.81

Time-->



#10

Methyl Iodide

Concen: 5.281 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

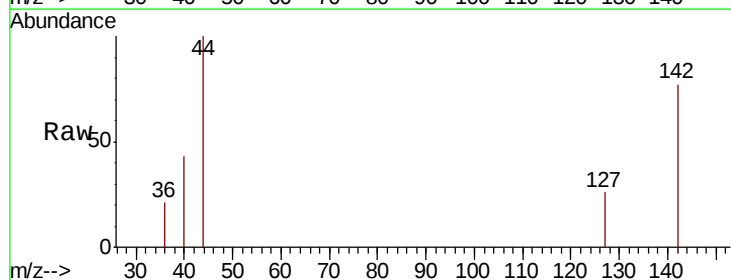
Tgt Ion: 142 Resp: 461

Ion Ratio Lower Upper

142 100

127 37.5 34.9 52.3

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

300

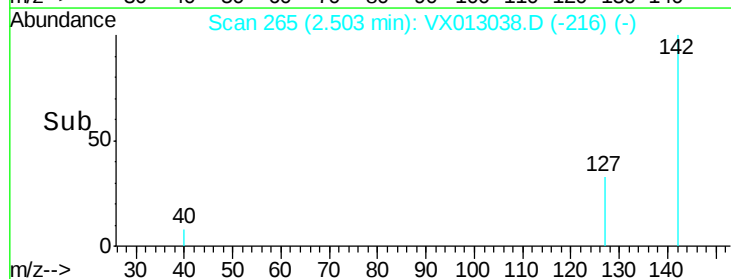
200

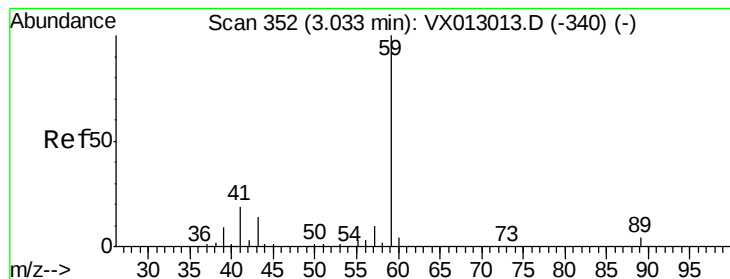
100

0

2.45 2.50 2.55

Time-->



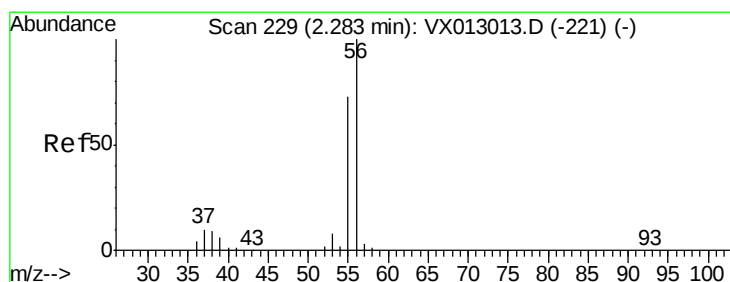
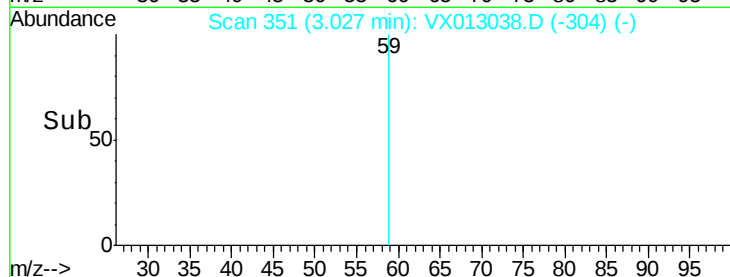
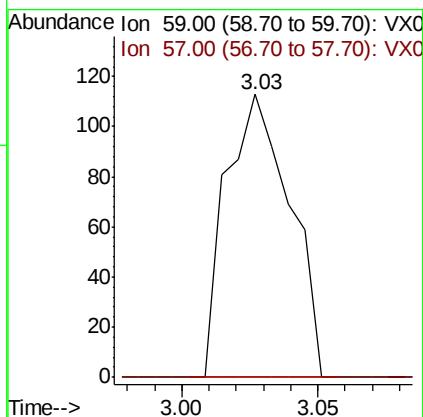
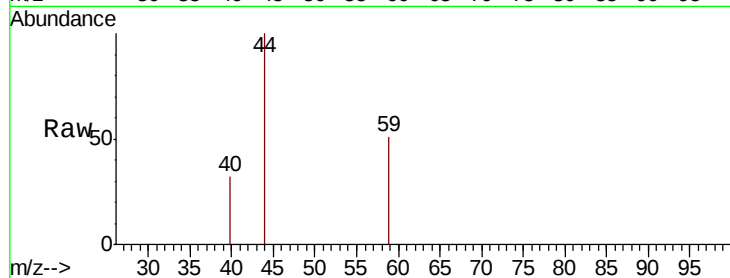


#11

Tert butyl alcohol
Concen: 0.301 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Instrument :
MSVOA_X
ClientSampled :

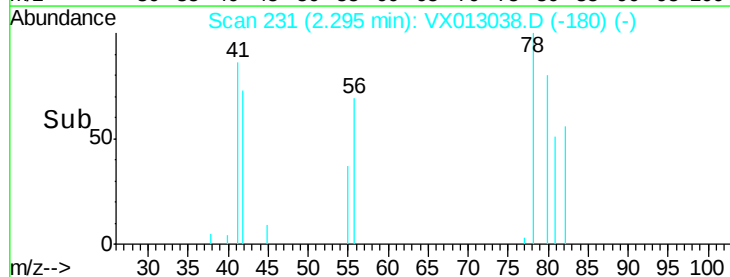
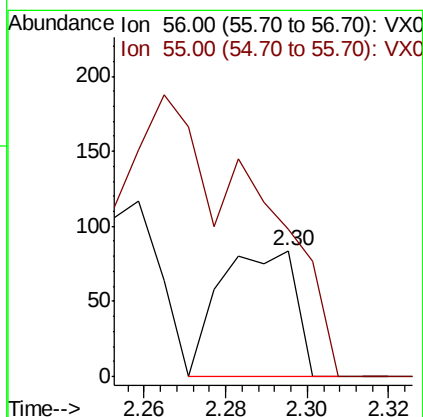
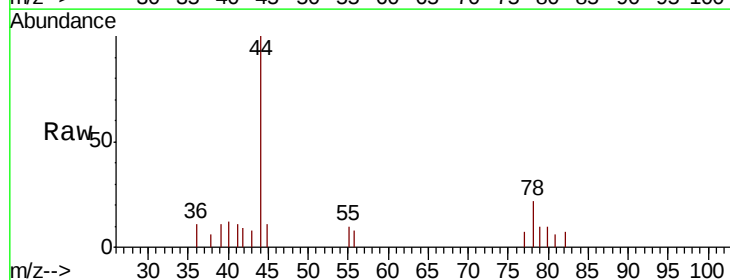
Tot Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

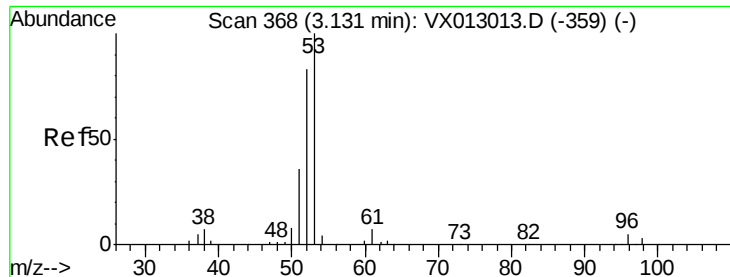


#13

Acrolein
Concen: 0.252 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Tgt Ion: 56 Resp: 109
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

ClientSampled :

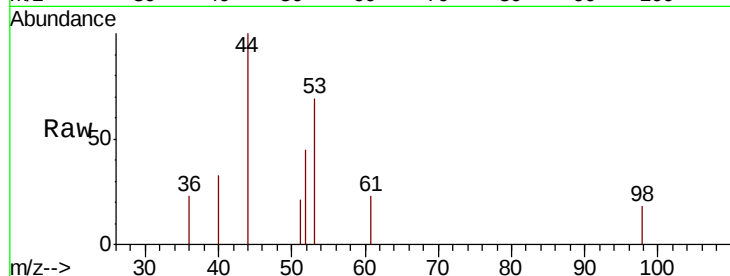
Tot Ion: 53 Resp: 247

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.2#

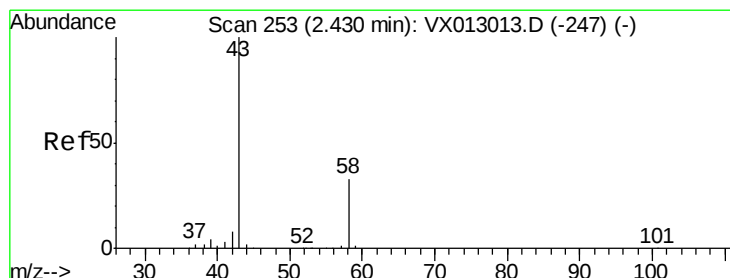
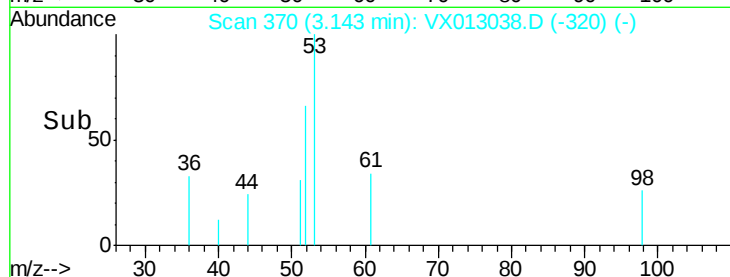
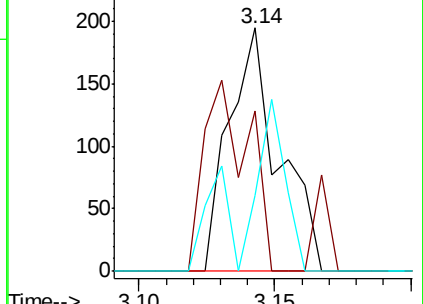
51 38.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.388 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013038.D

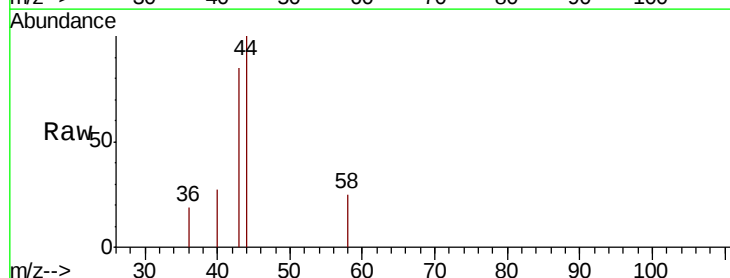
Acq: 14 Oct 2019 09:53

Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

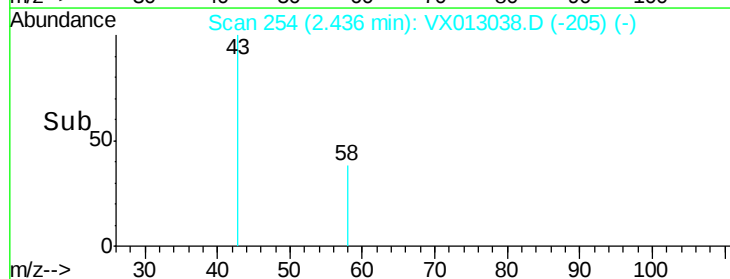
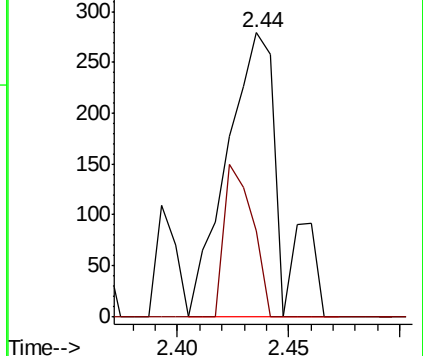
43 100

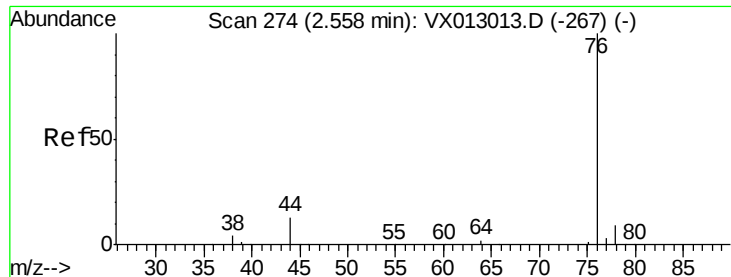
58 30.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

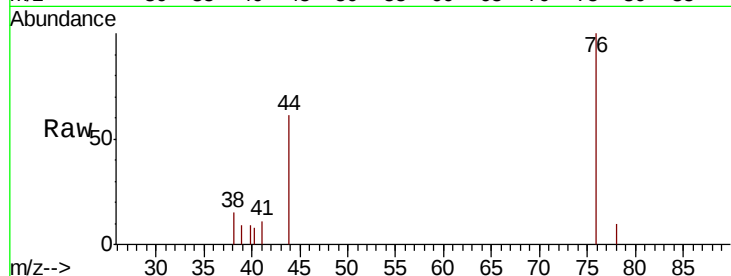
ClientSampleId :

Tot Ion: 76 Resp: 1115

Ion Ratio Lower Upper

76 100

78 10.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

800

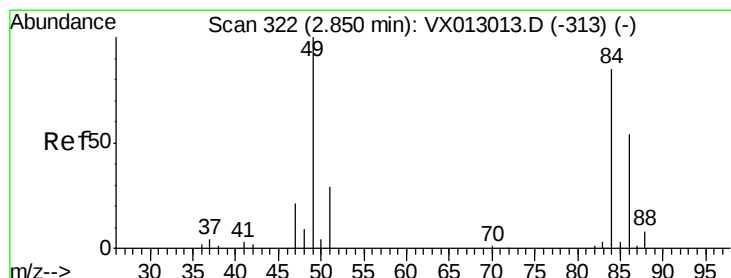
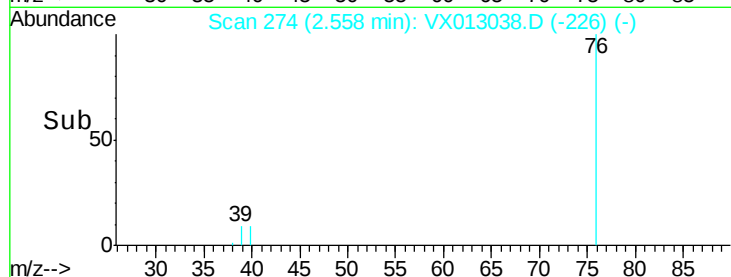
600

400

200

0

Time--> 2.50 2.55 2.60



#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.86 min Scan# 324

Delta R.T. 0.01 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Tgt Ion: 84 Resp: 479

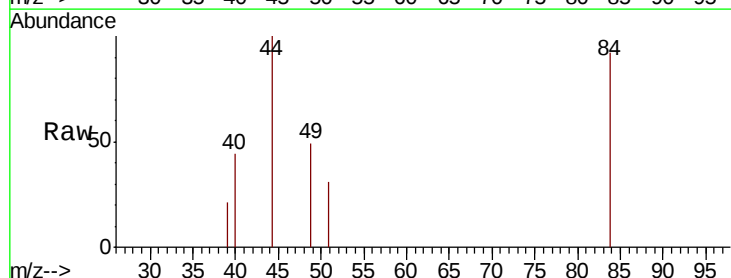
Ion Ratio Lower Upper

84 100

49 53.2 96.6 144.8#

51 34.1 30.7 46.1

86 0.0 51.0 76.6#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

500

400

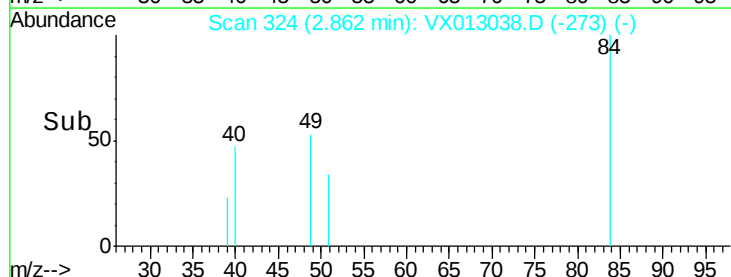
300

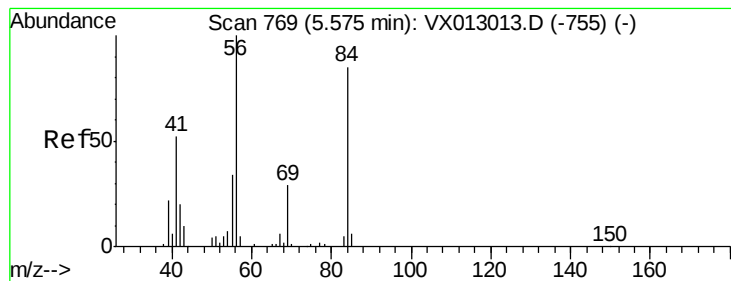
200

100

0

Time--> 2.80 2.85





#31

Cyclohexane

Concen: 1.230 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.08 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

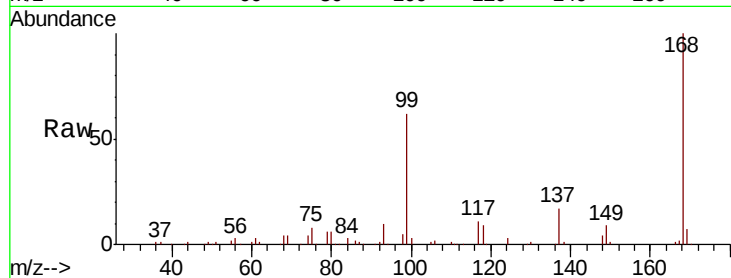
Tot Ion: 56 Resp: 4095

Ion Ratio Lower Upper

56 100

69 158.1 25.2 37.8#

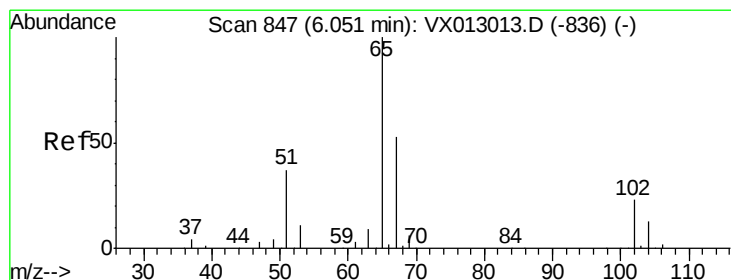
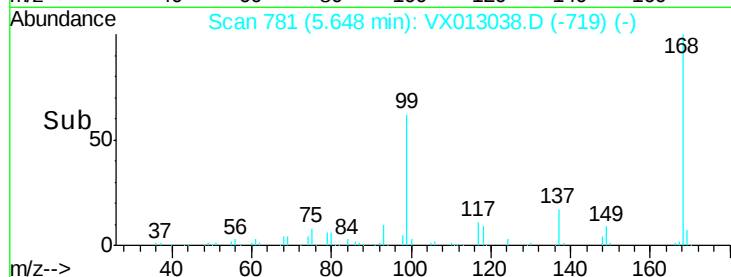
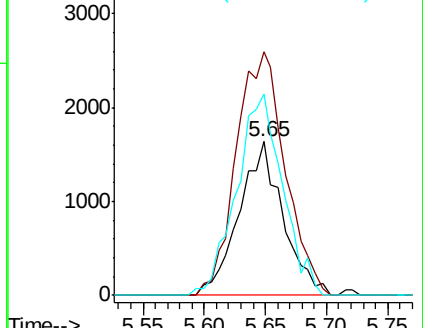
84 131.1 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.705 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013038.D

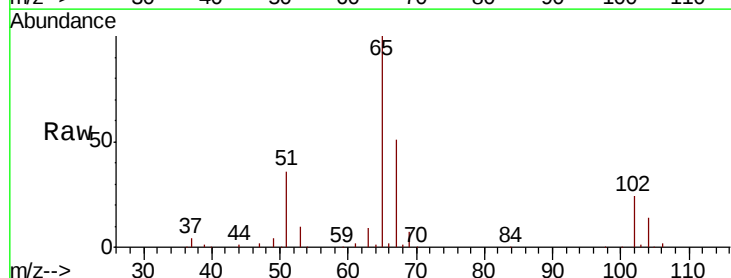
Acq: 14 Oct 2019 09:53

Tgt Ion: 65 Resp: 111716

Ion Ratio Lower Upper

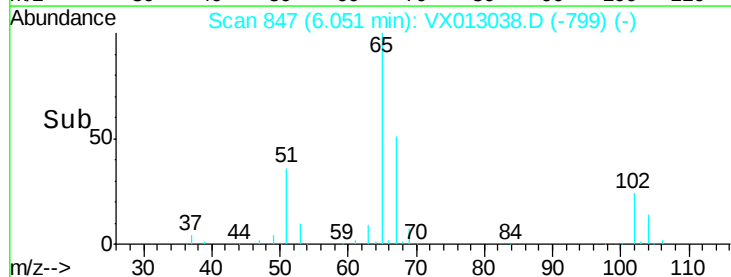
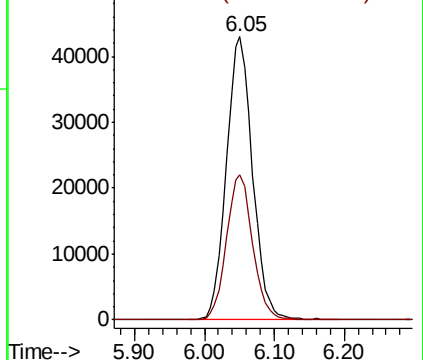
65 100

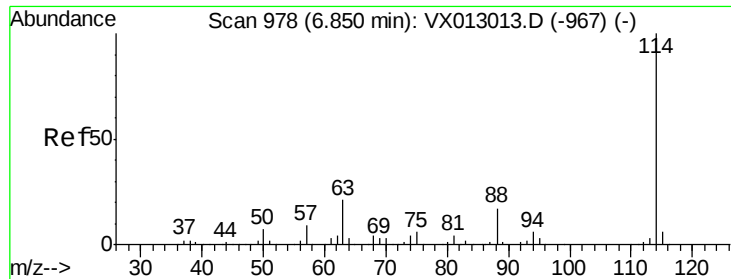
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

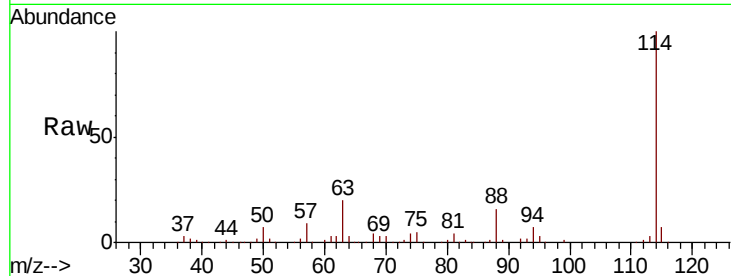




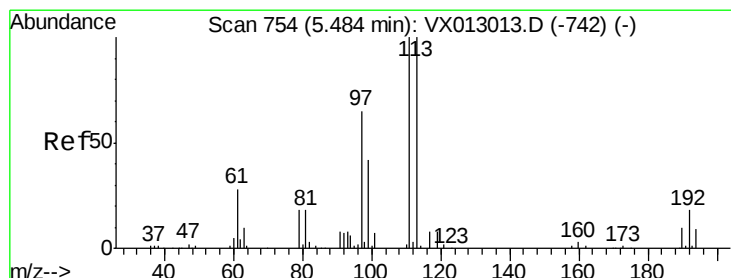
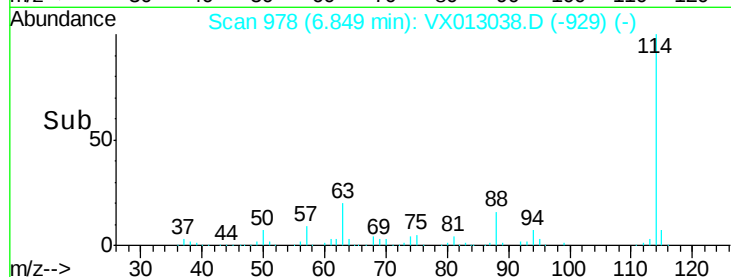
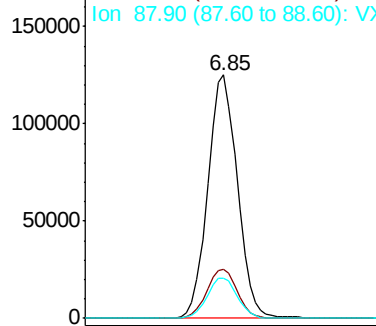
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 294883
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.5 0.0 33.8

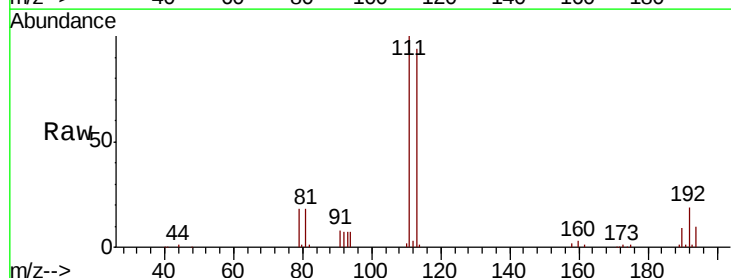


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

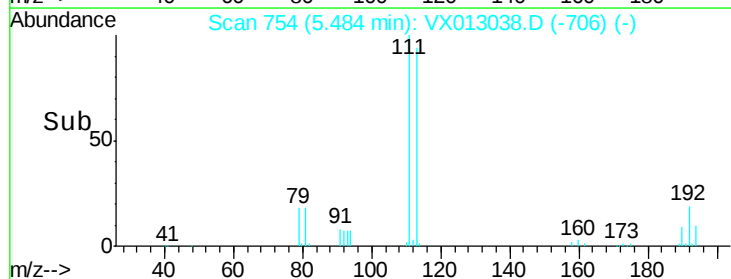
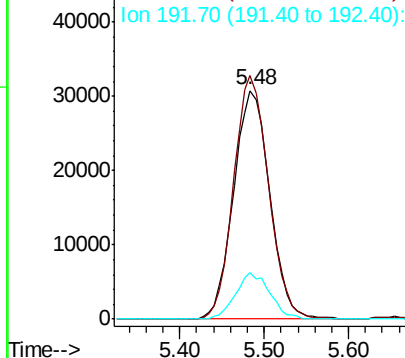


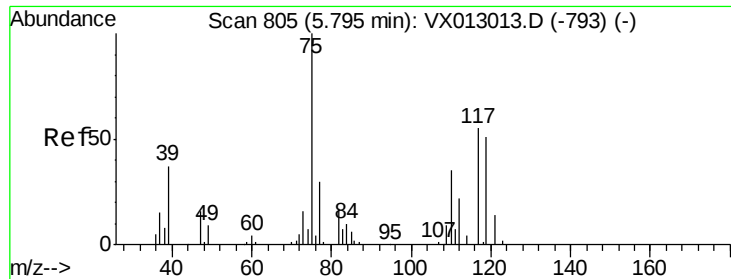
#35
Dibromofluoromethane
Concen: 52.767 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Tgt Ion:113 Resp: 89306
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 19.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

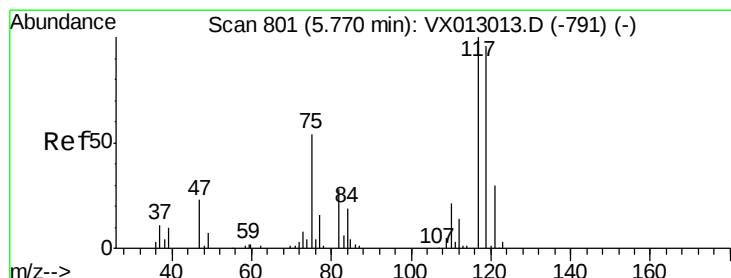
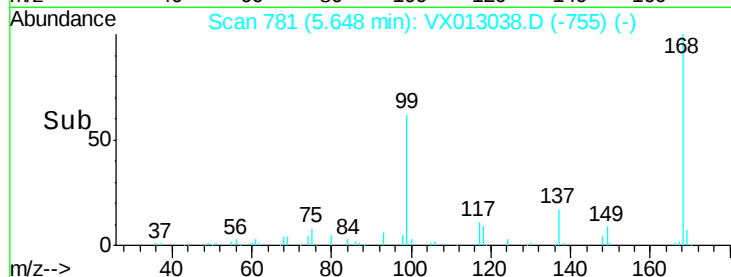
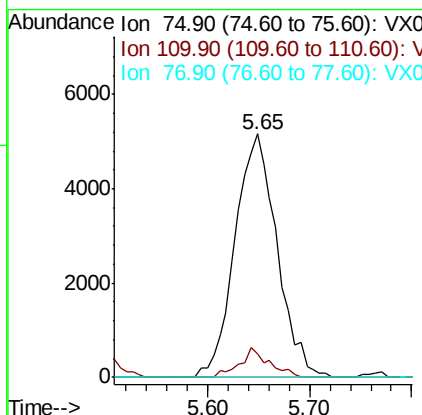
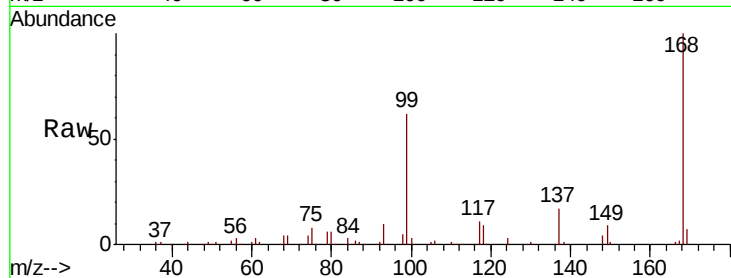




#36
 1,1-Dichloropropene
 Concen: 5.673 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX013038.D
 Acq: 14 Oct 2019 09:53

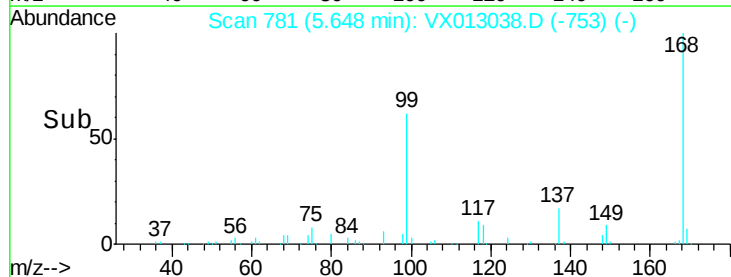
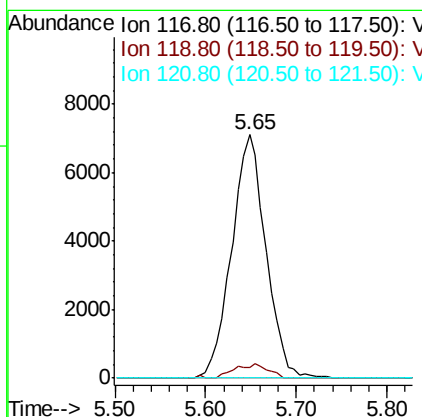
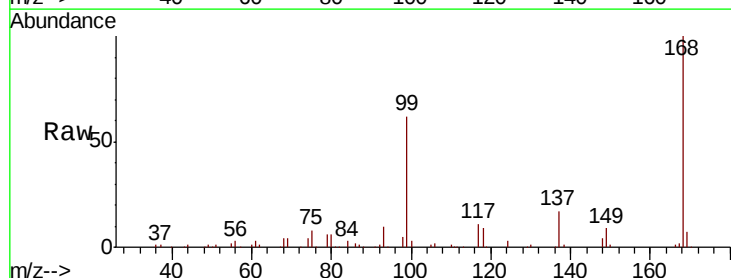
Instrument :
 MSVOA_X
 ClientSampleId :

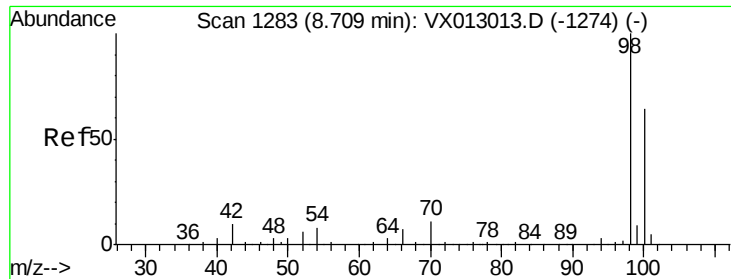
Tot Ion	75	Resp	14709
Ion Ratio	100	Lower	Upper
75	100		
110	8.4	17.6	52.9#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 7.373 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013038.D
 Acq: 14 Oct 2019 09:53

Tgt Ion	117	Resp	18607
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.3	74.5	111.7#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 51.665 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

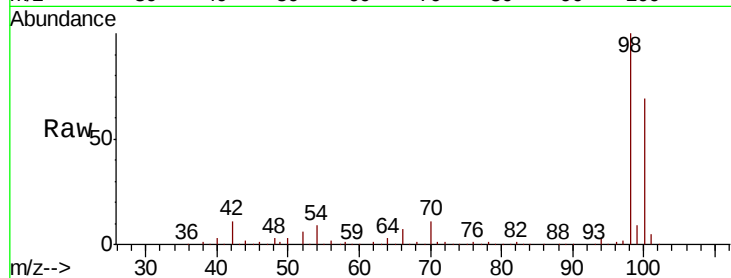
ClientSampleId :

Tot Ion: 98 Resp: 341041

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

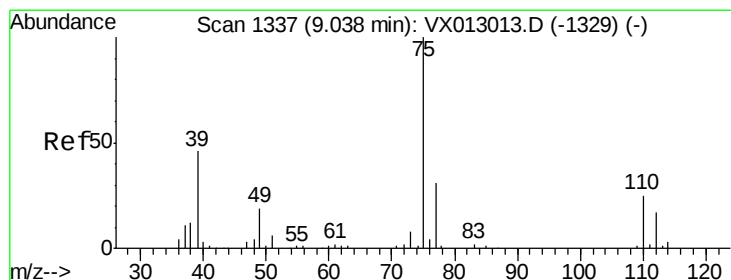
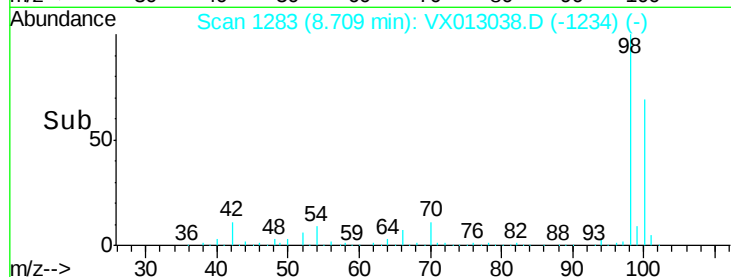
150000

100000

50000

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 2.188 ug/l

RT: 9.06 min Scan# 1340

Delta R.T. 0.02 min

Lab File: VX013038.D

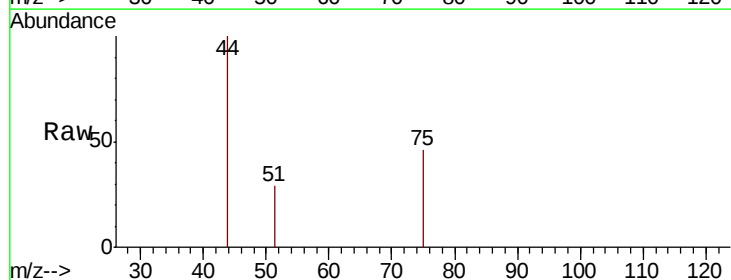
Acq: 14 Oct 2019 09:53

Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.06

100

80

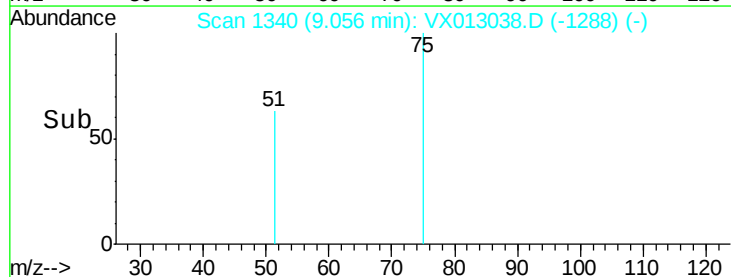
60

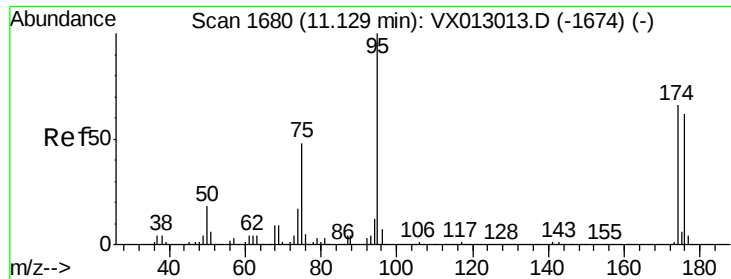
40

20

0

Time-->

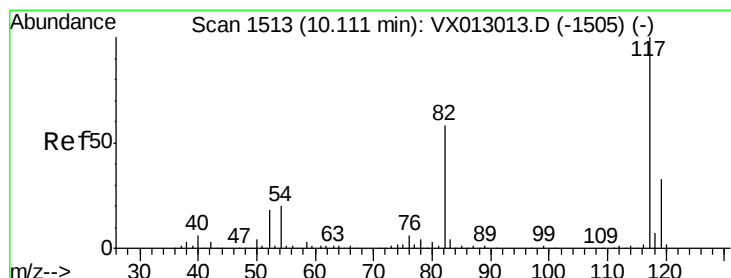
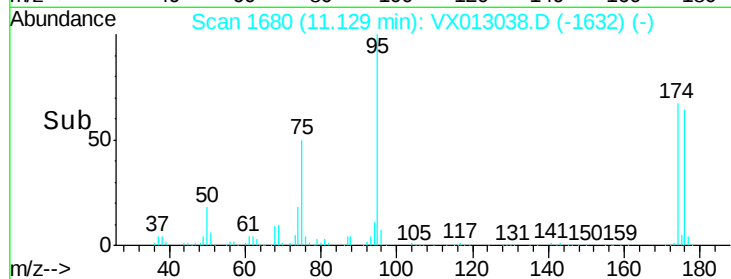
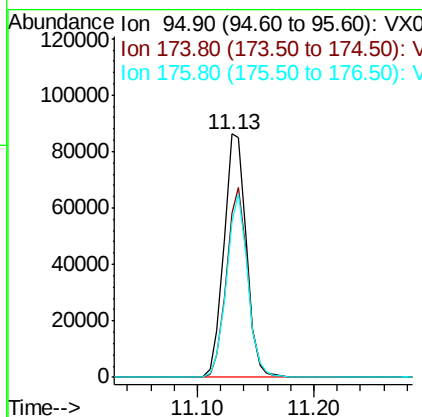
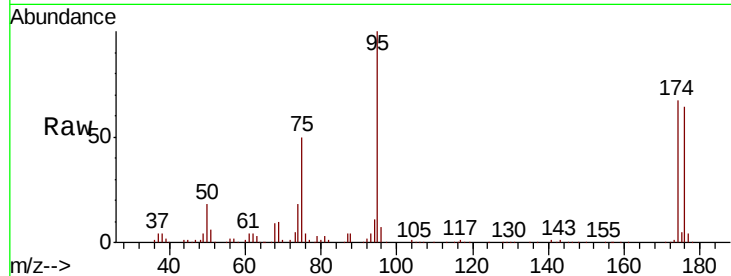




#62
4-Bromofluorobenzene
Concen: 44.811 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

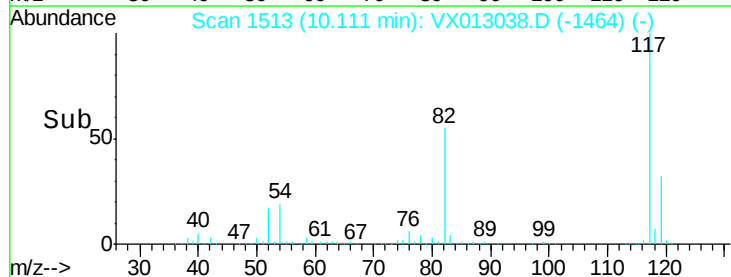
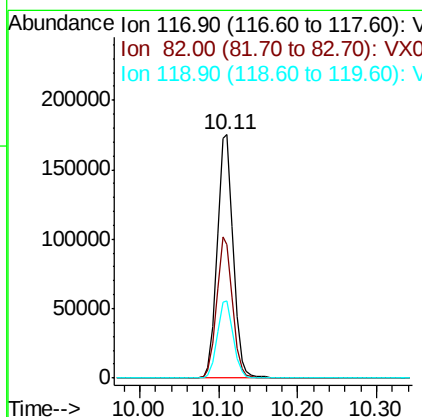
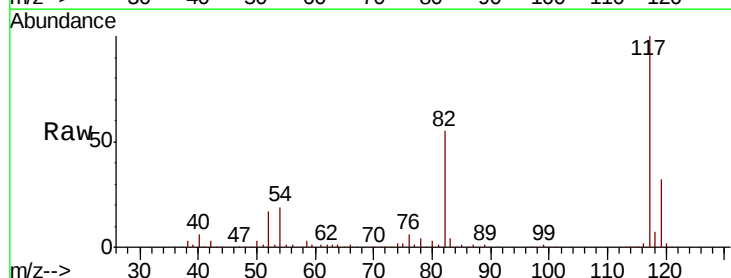
Instrument :
MSVOA_X
ClientSampleId :

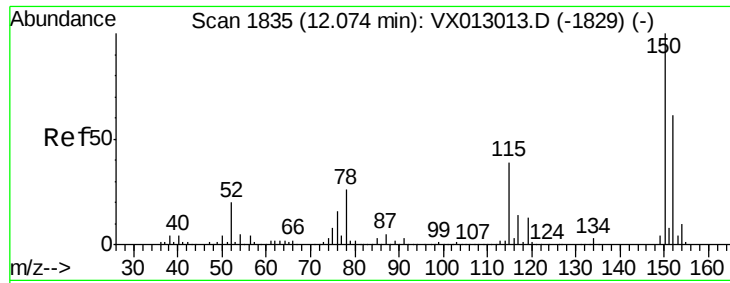
Tot Ion	95	Resp	114935
Ion Ratio	Lower	Upper	
95	100		
174	73.7	0.0	143.4
176	71.4	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Tgt Ion	117	Resp	247398
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.1	66.1
119	32.0	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013038.D

Acq: 14 Oct 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

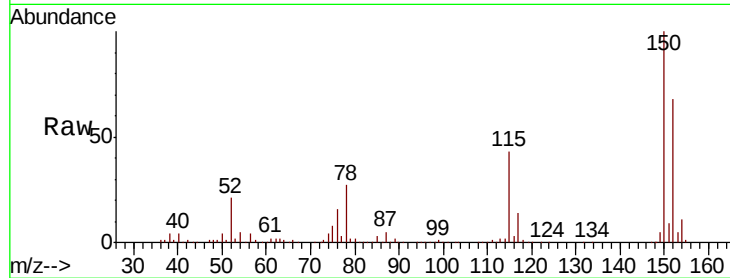
Tot Ion:152 Resp: 97428

Ion Ratio Lower Upper

152 100

115 62.7 44.5 133.5

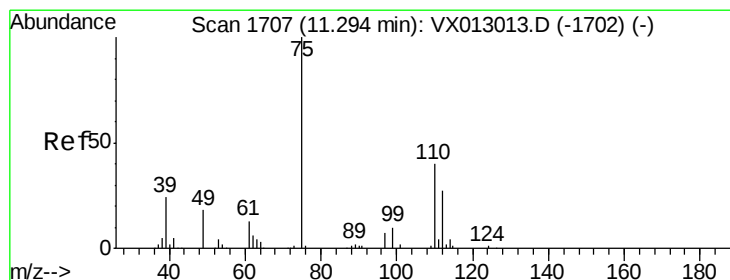
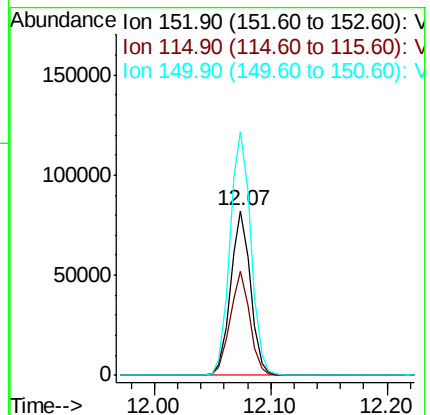
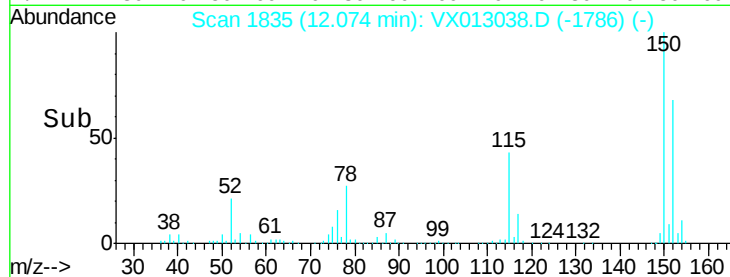
150 155.4 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 26.335 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013038.D

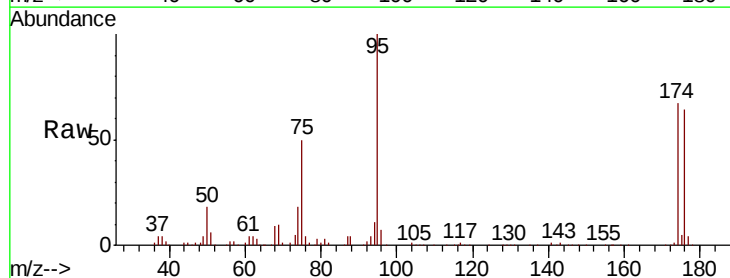
Acq: 14 Oct 2019 09:53

Tgt Ion: 75 Resp: 56909

Ion Ratio Lower Upper

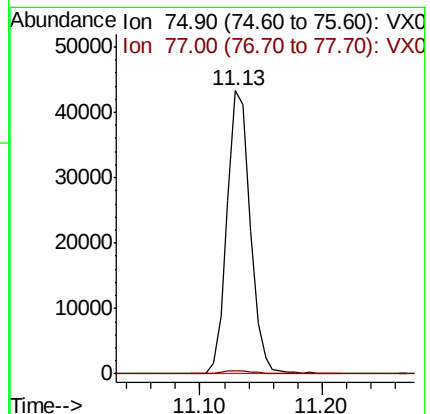
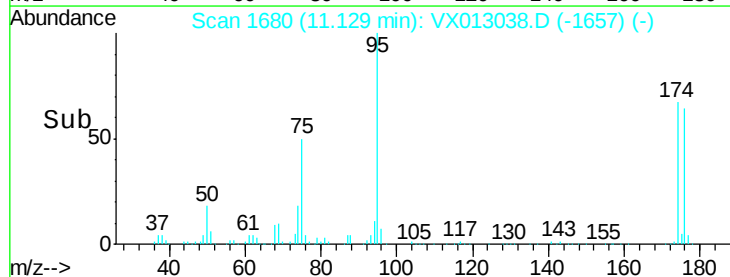
75 100

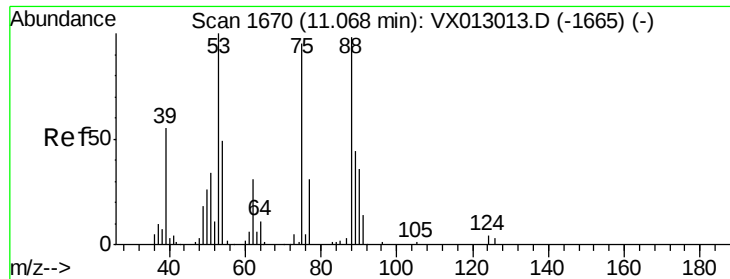
77 1.4 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

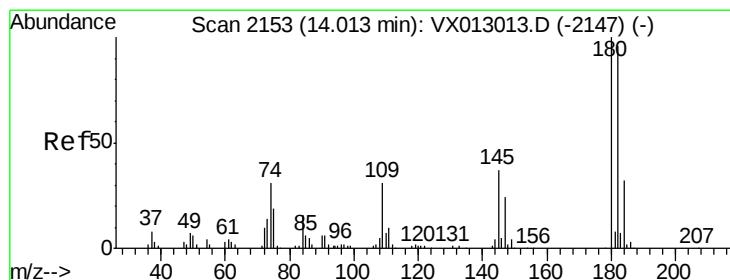
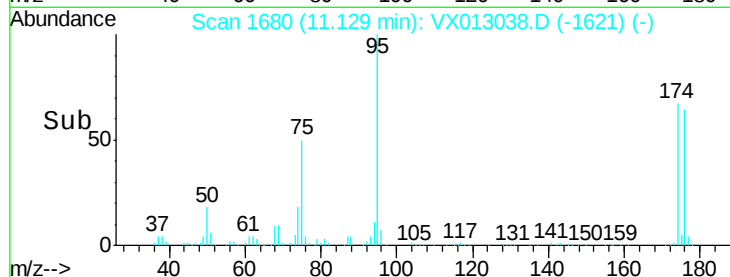
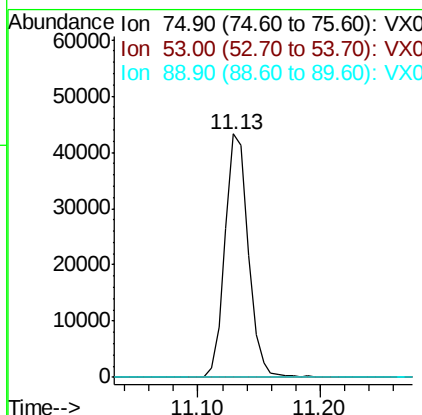
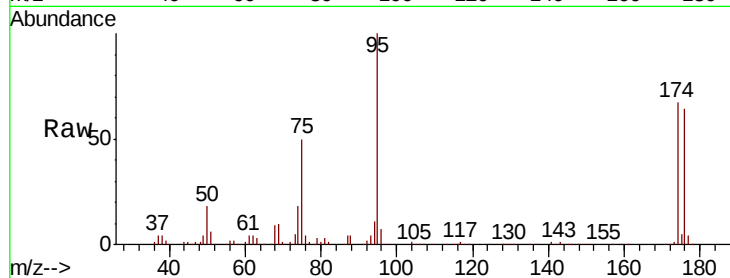




#81
trans-1,4-Dichloro-2-butene
Concen: 66.273 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 56909
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.4 56.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013038.D
Acq: 14 Oct 2019 09:53

Tgt Ion: 180 Resp: 431
Ion Ratio Lower Upper
180 100
182 94.4 47.5 142.5
145 26.9 17.4 52.3

